

## **CLAIMS**

What is claimed is:

1. A gaming device comprising:
  - a main display for displaying a main game to a player, the main game granting awards to the player for certain random outcomes of the main game;
  - an electronic display other than the main display, the electronic display being an organic light emitting diode (OLED) display controlled to display images; and
  - a touch detection device over at least a portion of the OLED display for detecting a location touched by the player and carrying out a function corresponding to an image on the OLED display.
2. The device of Claim 1 wherein the OLED display overlies a portion of an outer housing of the gaming device.  
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3. The device of Claim 1 further comprising a controller to control the OLED display to display a bonus game, the bonus game being enabled upon one or more certain outcomes of the main game.
4. The device of Claim 3 wherein the touch detection device allows the player to make selections for the bonus game.  
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5. The device of Claim 1 wherein the main display is an electronic display device.
6. The device of Claim 1 wherein the main display comprises a plurality of rotatable reels.  
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7. The device of Claim 1 wherein the OLED display is below the main display.
8. The device of Claim 1 wherein the OLED display is above the main display.

9. The device of Claim 1 wherein the OLED display is along a side of the main display.

10. The device of Claim 1 wherein the OLED display is controlled to display a bonus game to the player.

5 11. The device of Claim 1 wherein the OLED display is controlled to display an identity of the main game to the player.

12. A method performed by a gaming device comprising:

conducting a main game on a main display;

controlling an organic light emitting diode (OLED) display to display images, the  
10 OLED display being located in areas other than in an area of the main display;

receiving touch signals from a touch sensitive device overlying at least a portion of the OLED display; and

performing a function pursuant to the touch signals.

13. The method of Claim 12 wherein the OLED display is below the main  
15 display.

14. The method of Claim 12 wherein the OLED display is above the main display.

15. The method of Claim 12 wherein the OLED display is along a side of the main display.

20 16. The method of Claim 12 wherein controlling the OLED display comprises controlling the OLED display to display a bonus game to the player, and wherein performing a function pursuant to the touch signals comprises performing a function in carrying out the bonus game.

17. The method of Claim 12 wherein controlling the OLED display comprises  
25 controlling the OLED display to display an identity of the main game to a player.

18. A gaming device comprising:

a main display for displaying a main game to a player, the main game granting awards to the player for certain random outcomes of the main game;

5 a three-dimensional display other than the main display, the three-dimensional display presenting a three-dimensional image of a control device to the player; and

a touch detection device for detecting a touching by the player of the perceived three dimensional image and generating control signals for carrying out a function.

19. The device of Claim 18 wherein the three-dimensional display is a holographic display to cause the player to perceive a three-dimensional image.

10 20. The device of Claim 18 wherein the three-dimensional display comprises a display that presents offset images to a player to cause the player to perceive a three-dimensional image.

21. The device of Claim 18 wherein the three-dimensional display displays a control device in a bonus game.